



Population Health Webinar

September 26, 2017

Farah Ahmed

**Bureau of Epidemiology and Public Health
Informatics**

Our Mission: To protect and improve the health and environment of all Kansans.

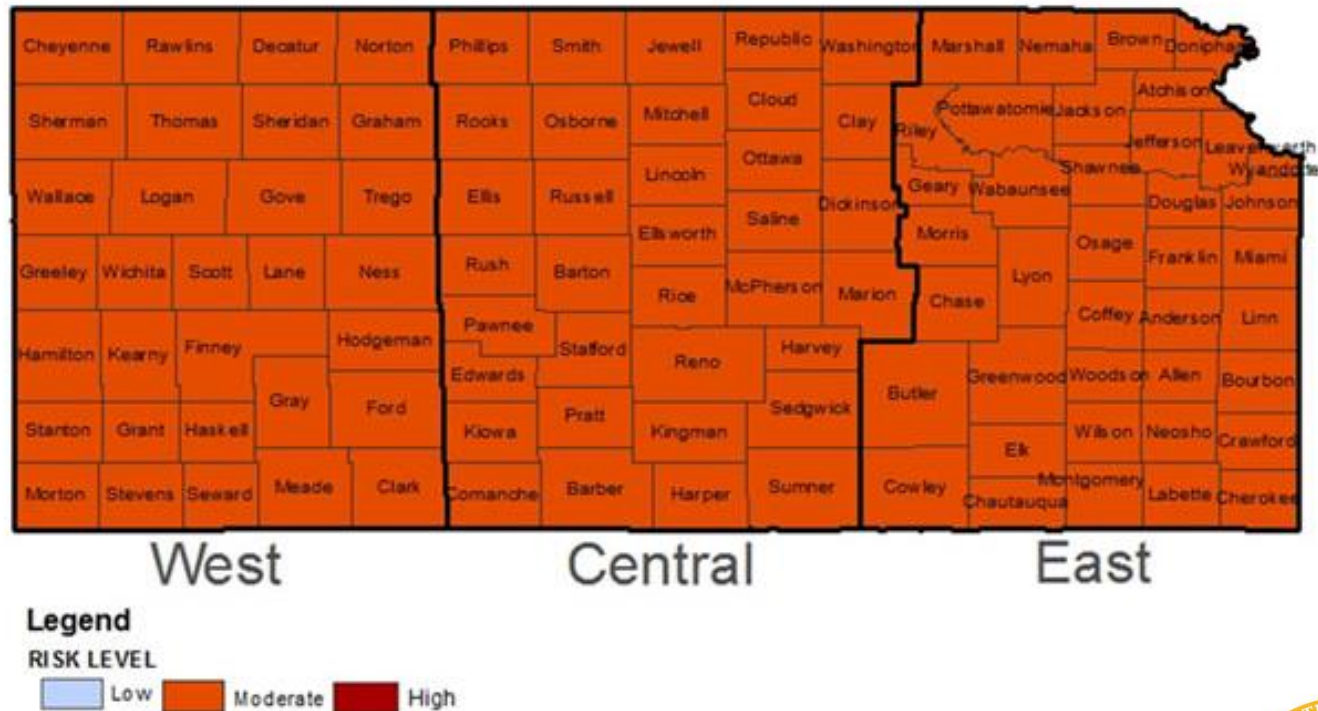


Update on West Nile Virus

Kansas West Nile Virus (WNV) Weekly Surveillance and Transmission Risk Report

Week Ending September 22, 2017 (Week 18)

West Nile virus Transmission Risk Level* by Region



http://www.kdheks.gov/epi/arboviral_disease.htm

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Measles Update as of September 25, 2017

- We do not currently have any measles outbreaks in KS
- However, we are seeing reports of measles-like rash across the state but testing is negative

Campylobacter Update as of September 25, 2017

- KDHE is investigating cases of Campylobacteriosis associated with people who purchased or played with puppies from Petland
- US case count is 52 and KS is 7
- KDHE is planning a site visit to one or more Petland locations
- All KS Petland stores with cases associated to them have been notified by KDA

New Data and Reports



[A to Z Topic Listing](#)

IDE&R Home Page
About IDE&R
Contact IDE&R
Ebola Virus Disease
Disease Reporting for Health Professionals
Disease Investigation
Arboviral Disease Surveillance in Kansas
Measles (Rubeola)
Mumps
Rabies and Zoonotic Disease
Regulations and Statutes
Infectious Disease Statistics
Investigative Reports
Disease Information
Foodborne Disease
Epi Updates Newsletter
Healthcare-Associated Infections Program
Prevention of MRSA in Organized Sports Toolkit
IDE&R Site Map

Investigative Reports

24-hour hotline for disease reporting and public health emergencies: **1-877-427-7317**

Report a food-related illness or complaint: visit FoodSafetyKansas.org

Note - Most files on this page are in PDF Format and require the [Adobe Acrobat Reader®](#) plug-in. For assistance with download, installation, or use of the plug-in, please contact [Adobe Systems, Inc.®](#)

2017

- [Outbreak of Norovirus Associated with Mexican Restaurant in Shawnee County - January 2017](#)

2016

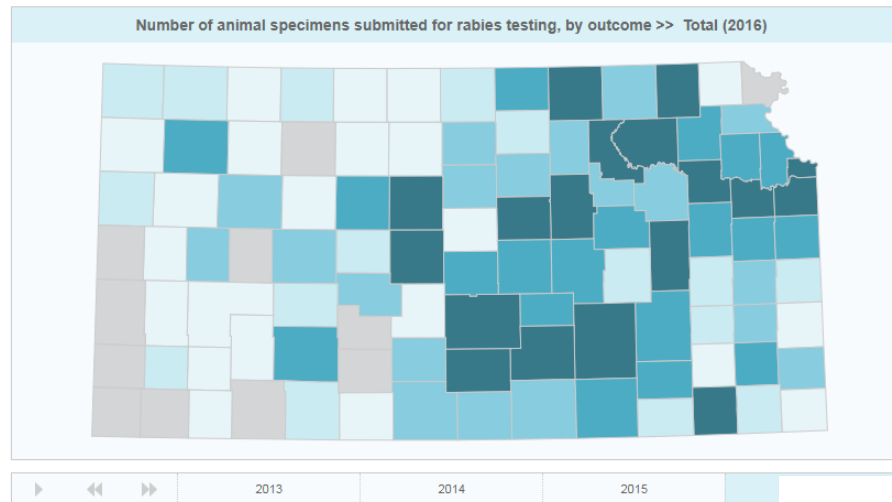
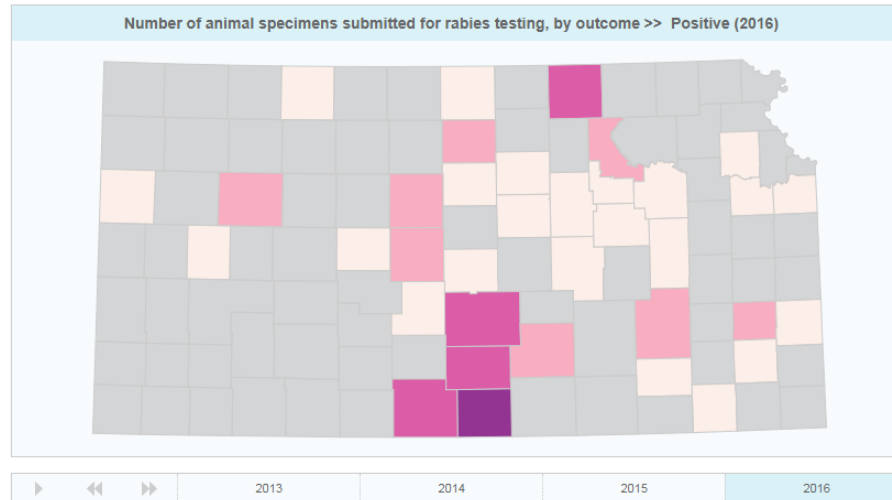
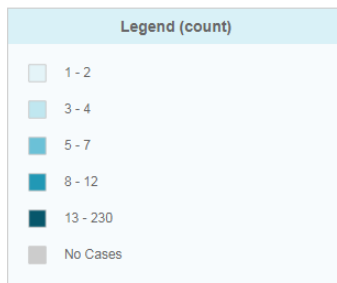
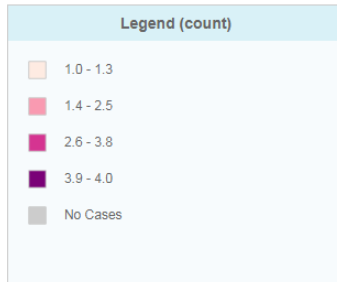
- [Salmonellosis Outbreak Associated with Kansas State Fair Food Vendor in Reno County - 2016](#)
- [Outbreak of Shiga toxin-producing Escherichia coli \(STEC\) O157:H7 Associated with a Kansas Cider Festival - Eastern Kansas, 2016](#)
- [Outbreak of Norovirus at Long Term Care Facility in Mitchell County - December 2016](#)
- [Outbreak of Gastrointestinal Illness Associated with an Elementary School in Sedgwick County - November 2016](#)
- [Shigellosis Outbreak Associated with Daycare and Elementary School in Wyandotte County - October 2016](#)
- [Gastrointestinal Illness Outbreak at Manhattan High School West Campus in Riley County - August 2016](#)
- [Outbreak of Impetigo among High School Football Players in Shawnee County - August 2016](#)
- [Outbreak of Norovirus Associated with a Family Luncheon in North Central Kansas - August 2016](#)
- [Investigation of MRSA Outbreak in Neonatal Intensive Care Unit - Kansas - July 2016](#)
- [Investigation of Norovirus and Clostridium Difficile with Fredonia Regional Hospital in Wilson County - July 2016](#)
- [Investigation of Kansas Cases in a Multistate Outbreak of Salmonella Muenchen Infections Associated with Alfalfa Sprouts - Kansas, 2016](#)
- [Outbreak of Norovirus Associated with an Elementary School in Sedgwick County - April 2016](#)
- [Outbreak of Norovirus Associated with the University of Kansas Hospital - Marillac Campus in Johnson County - February 2016](#)
- [Outbreak of Norovirus Associated with Larksfield Place in Sedgwick County - February 2016](#)
- [Norovirus Outbreak Associated with the Lakeview Village Retirement Community in Johnson County - February 2016](#)
- [Outbreak of Norovirus Associated with the Midwest Shabbaton in Douglas County - February 2016](#)
- [Outbreak of Norovirus and Clostridium perfringens Associated with New Theatre Restaurant in Johnson County - January 2016](#)
- [Norovirus Outbreak Associated with Buffalo Wild Wings in Johnson County - January 2016](#)

<http://www.kdheks.gov/epi/outbreaks.htm>

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New Data and Reports



<https://keap.kdhe.state.ks.us/Ephtm/Default>

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New Data and Reports



KansasHealthMatters

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[Home](#) > Community Dashboard

Community Health Dashboards

[Build a Custom Dashboard](#)

Learn about your community's health and wellness. Start by choosing a location type below. Or you can search for a specific indicator, specific location, or select one of the dashboards below. Click "Build a Custom Dashboard" to create your own dashboard by location, topic and more.

[Kansas State](#) [Public Health Preparedness Regions](#) [Counties](#) [Cities \(Census Places\)](#) [Zip Codes](#) [Census Tracts](#)

www.kansashealthmatters.org

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New Data and Reports



KANSAS INFORMATION for **COMMUNITIES**

[Home](#)

[Inquiries](#)

[Fast Stats](#)

[Resources](#)

Kansas Information for Communities or KIC is a health information portal. You can query public health datasets, access statistics for Kansas counties, and find links to public health reports.

Stay current on website updates. [What's New](#)



kic.kdheks.gov

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New Data and Reports



[A to Z Topic Listing](#)

Health Statistics 2016

The following summary information is based on 2016 Kansas Residence data.

Tables, Charts, and Maps, when available, are indicated by blue text or a PDF / Excel icon to the right of the content title.

Technical Notes and Definitions for the following items are [available here](#).

KANSAS VITAL STATISTICS AT A GLANCE

Select a year to view its vital summary of facts. This summary contains data for number of events, every day averages, births, deaths, leading causes of death, population and more.

2016 2015 2014 2013 2012 2011

[VITAL EVENTS](#)

[POPULATION](#)

[LIVE BIRTHS AND FERTILITY](#)

[FETAL, INFANT AND MATERNAL MORTALITY](#)

[GENERAL MORTALITY](#)

[MARRIAGES & MARRIAGE DISSOLUTIONS](#)

[CANCER](#)

http://www.kdheks.gov/phi/AS_Tables/AS_2016.htm?panel=0#undefined

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New Data and Reports



Natality Report by Racial and Ethnic Population Groups, Kansas, 2016



Kansas Department of Health and Environment
Division of Public Health
Bureau of Epidemiology and Public Health Informatics
Curtis State Office Building – 1000 SW Jackson, Topeka, KS, 66612-1354
<http://www.kdheks.gov/bephi/>
September 2017

http://www.kdheks.gov/phi/AS_Tables/AS_2016_Tables_and_Figures/live_births/2016_Natality_Report.pdf

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New Data and Reports



Infant Mortality Kansas, 2016 Research Brief

Introduction

Infant mortality is an important proxy indicator of population health, since there is a potential association between the causes of infant mortality and factors that are likely to influence health status of the whole population. The Kansas Department of Health and Environment's (KDHE) Division of Public Health monitors infant mortality and supports programs that promote access to health services and prevention for mothers and infants.

Methods

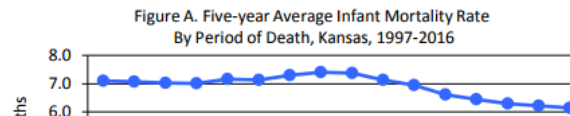
The KDHE Bureau of Epidemiology and Public Health Informatics (BEPHI) collects birth and death certificates through both the Office of Vital Statistics (OVS) and from other states. After data validation is completed, the Bureau creates an analytical file of the prior year's vital events on July 1. The analytical files are then used as the basis of statistical reports issued by KDHE. All data reported herein are residence data, regardless of where the event occurred. Trends are analyzed using five-year rolling average rates during a 20-year time period and were tested for statistical significance.

Findings

The number of infant deaths to Kansas residents decreased from 230 in 2015 to 223 in 2016. The number of Kansas resident births in 2016 was 38,048, resulting in an infant mortality rate (IMR) of 5.9 per 1,000 live births, the same as 2015 and lower than 2014 (6.3 per 1,000 live births). Males accounted for 55.2 percent of 2016 resident infant deaths, while females accounted for 44.8 percent.

Despite annual fluctuations, the Kansas resident IMR declined from 1997-2016 based on rolling five-year averages. The decline was statistically significant.

During the same 20 years,



http://www.kdheks.gov/phi/AS_Tables/AS_2016_Tables_and_Figures/fetal/2016InfantMortalityResearchBrief.pdf

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New Data and Reports

Status of American Indian/Alaska Native

Population, Death, and Birth in Kansas, 2011-2015

August 2017

Population

An estimated **61,363** American Indians/Alaska Natives (AI/AN) live in Kansas, making up about **2.1 percent** of the people in the state¹. This number is based on a count of people who report AI/AN alone or combined with one or more races.

Population characteristics ¹	AI/AN*	White [†]
The estimated average individual income is:	\$17,531	\$29,347
Half of the households have an income less than:	\$40,267	\$54,125
The estimated percentage of people living below the poverty level is:	22%	11%
The estimated percentage of occupied housing units with no vehicle is:	9.8%	4.7%
The median age of the population is:	29.5 years	37.9 years

Death

In 2011-2015, over 2,000 AI/AN deaths occurred. AI/AN die at a younger age on average (age 68 for AI/AN compared to age 76 for Whites). AI/AN males died, on average, 7 years earlier than White males (age 66 compared to age 73 respectively). AI/AN females died, on average, 8 years earlier than White females (age 71 compared to age 79 respectively).

Table 1. Ten Leading Causes of Death, By Percent, Race, and Category, Kansas, 2011-2015²

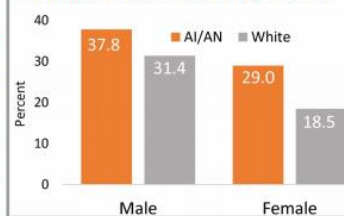
Cause	AI/AN*	White [†]
Heart attack (ischemic heart disease) and other heart disease	18.7%	20.8%
Chronic lower respiratory disease (emphysema, chronic bronchitis)	8.7%	6.8%
Lung cancer (cancers of the trachea, bronchus, lung)	7.7%	5.9%
Other cancer	5.1%	5.5%
Accidents other than motor vehicle accidents	4.9%	3.9%
Stroke (cerebrovascular disease)	4.8%	5.2%
Diabetes	3.3%	2.4%
Kidney disease (nephritis, nephrotic syndrome, nephrosis)	2.3%	2.2%
Suicide	2.3%	1.7%
Colon cancer (cancers of the colon, rectum, anus)	2.1%	1.9%

1 in 3 AI/AN* deaths (33.2%) are related to commercial tobacco.

Tobacco-related deaths are highest among AI/AN* males (37.8%).

Tobacco-related deaths are significantly higher among AI/AN* women (29.0%) than White[†] women (18.5%).

Figure 1. Tobacco-Related Deaths, By Percent, Race, and Sex, Kansas, 2011-2015



http://www.kdheks.gov/phi/download/THS_2017_VSDA_FACT_SHEET.pdf

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Update on Health Specimen Submission

KDHE Universal Laboratory Specimen Submission Form (Test Requisition) Pictorial Guide



Fill in your KHEL designated submitting facility ID, facility name, and address. If you do not know your facility ID, call KHEL at (785) 296-1620

Fill in the Patient's name, DOB (MM/DD/YY), sex, race, ethnicity, and address in the Patient Information Section.

Fill in Medical Record Number and Medicaid number, if applicable.

Fill in collection date (MM/DD/YY) and time (HH:MM), requesting Physician's last name, first name, and Collectors last name.

ICD-10: Required for all Medicaid associated testing

QuantIFERON: Incubation times MM/DD/YY, HH:MM for in and out times. Must indicate test program.

Parasitology:
FecalOva/Parasite: Stool in 2 vials (10% formalin & PVA)
Worm: Identification only, object in saline
Arthropod: Object in clean screw cap vial

Enteric Bacteriology:
Confirmation, Isolation & ID of CIDT: Stool in Cary-Blair or STEC only stool in GN broth. Must indicate organism
Epidemiology Exclusion Testing: Stool in Cary-Blair. Must have Epidemiology prior-approval
Isolate: on slant media, must indicate organism

Bioterrorism Rule Out: Isolate on media slant, must indicate organism

Reference Bacteriology:
Isolate: Isolate on media slant, must indicate organism
ID Unknown Bacterial Organism: Isolate on media slant, provide as much previous testing information as possible, must attach supplemental documentation

KDHE Universal Laboratory Specimen Submission Form (Health)
6810 S.E. Dwight Street | Topeka, KS 66620 CLIA 17D0648254

FACILITY INFORMATION
FACILITY ID: _____
FACILITY NAME: _____
FACILITY ADDRESS: _____
FACILITY COMMENTS: _____

PATIENT INFORMATION (Required)
Last Name, First Name: _____
DOB: _____ Sex: ☐ Male ☐ Female ☐ Unknown
Race: ☐ White ☐ Asian ☐ AI, AN ☐ Black ☐ HN, PI
Ethnicity: ☐ Hispanic or Latino ☐ Non-Hispanic or Non-Latino
Address: _____
City: _____ State: _____ Zip: _____
MRN: _____ Medicaid #: _____
Collection (Date/Time): _____ Collector: _____
Physician's Full Name: _____
ICD10 CODE: _____

SPECIMEN SOURCE/MATRIX
☐ Blood ☐ Serum
☐ Bronchial Wash ☐ Sputum
☐ CSF ☐ Stool
☐ Endocervical ☐ Urethral
☐ Genital ☐ Urine
☐ Nasopharyngeal ☐ Vaginal
☐ Plasma ☐ Wound
☐ Other _____
KHEL Use Only: _____

TOXICOLOGY
☐ Blood Metals: Lead, Mercury, Cadmium
☐ Capillary ☐ Venous

SEROLOGY/VIROLOGY
☐ Chlamydia/Gonorrhea ☐ Hepatitis B
☐ HIV ☐ Hepatitis C
☐ Syphilis ☐ Rubella
☐ Herpes (PCR) ☐ Influenza (ILI sites)
Special Notes: _____

EPIDEMIOLOGY APPROVAL (877) 427-7317
Epidemiology:
☐ Hepatitis A (IgM) ☐ Norovirus (PCR)
☐ Perinatal-PVST ☐ Perinatal (PCR)
☐ Arboviral Encephalitis ☐ Varicella (PCR)
☐ Molecular GI Screen ☐ CRE/CRPA
Measles: ☐ PCR ☐ IgG ☐ IgM
Mumps: ☐ PCR ☐ IgG ☐ IgM
Date of Onset: _____
Other (Specify): _____

POST EXPOSURE BIOLOGICAL TESTING
☐ Food Source ☐ Environmental Source
Test for (Specify): _____

POST EXPOSURE CHEMICAL TESTING
☐ Akalin/Ricco ☐ Cyanide
☐ MTP ☐ Nerve Agent Metabolites
☐ Tetramine ☐ Toxic Metals
☐ VOCs ☐ Other _____

MICROBIOLOGY
Tuberculosis
☐ Clinical ☐ Isolate
QuantIFERON: Incubation (Date/Time Required)
IN: _____ / _____ OUT: _____ / _____ Not Incubated
QuantIFERON Test Program:
☐ College Contract ☐ Contact Investigation
☐ Correctional Facility ☐ Screening Contract
☐ Other _____

Parasitology
☐ Fecal Ova/Parasite (Add) ☐ Crypts ☐ Cystodora
☐ Worm ☐ Arthropod

Enteric Bacteriology
☐ Confirmation*
☐ Epidemiology Exclusion Testing*
☐ Isolate*
* *E. coli* O157 ☐ STEC ☐ *Salmo* ☐ *Shigella* ☐ Other

Bioterrorism Bacteriology: Rule Out Select Agent
☐ Anthrax ☐ Francisella ☐ Brucella ☐ Other

Reference Bacteriology
Isolate: ☐ *Listeria* ☐ GAS ☐ *S. pneumoniae* ☐ *N. meningitidis* ☐ *H. flu.* ☐ Other
ID Unknown Bacterial Organism
Provide as much test information as possible:
☐ CPR ☐ GPC ☐ GNR ☐ GNC ☐ GNDIC

Barcode: 30563258

Must indicate Specimen Source / Matrix. Include original specimen source for isolate submissions

Whole blood or EDTA only. Must indicate capillary or venous.

HIV: Authorized sites only.
HIV & Syphilis: Must be spun, serum poured off, and shipped cold.
Rubella: Must be spun and shipped cold.
Special Notes: Add any information pertinent to the test requested

All specimens submitted in this section require epidemiology pre-approval before sending. Must list name of epidemiologist.
Enteric Bacteriology Molecular GI Screen: submitted as stool sample in Cary-Blair vial. Must be received within 4 days of collection
Post Exposure Chemical Testing: Chain of custody Required for all specimens submitted.
Nerve Agent Metabolites: Urine only
Tetramine: Urine only
Toxic Metals: Urine or whole blood only
VOCs: Whole blood only

- Fill out all applicable areas completely.
- Place completed submission form inside fiberboard shipper **outside of secondary container**.
- Universal Forms are unique to each facility. Please do not share.
- Place barcode stickers on all primary containers

http://www.kdheks.gov/labs/downloads/Universal_Form_Instructions_Handout.pdf

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Ryan Lester

Bureau of Health Promotion

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Save the Date

- **Capital Mid-Week Senior Farmer's Market**
 - Through October 28th
- **Community Health Promotion Summit and Chronic Disease Risk Reduction RFP Meeting**
 - January 31st – February 2nd , 2018
- **Living Well With Chronic Conditions (Chronic Disease Self-Management Program) Facilitator Training**
 - September 25th , 26th and October 2nd ,3rd
 - Olathe

Save the Date

- **Living Well With Diabetes (Chronic Disease Self-Management Program) Facilitator Cross Training**
 - October 26th , 27th and November 1st, 2nd
 - Wichita
- **Kansas Public Health Association Conference**
 - October 10th and 11th
 - Manhattan
- **Heartland Health Equity Conference**
 - October 17th - 19th
 - Overland Park

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Save the Date

- **Coroners' Training**

- October 5th
- Colby

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Catherine Byrd

Preparedness Program

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Preparedness Updates

- **Staff changes**
 - Deputy Preparedness Director is posted on the KDHE website; closes October 6, 2017
- **End of Quarter 1 reports**
- **PHEP Work plan requirements and how they relate to HCC requirements**
 - Local Health Departments are required to active members of the HCC
 - Local Health Departments representatives are encouraged to attend HCC meetings

Cristi Cain

Local Public Health Program

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Local Public Health Program Updates

- KDHE's accreditation site visit was held August 24-25, 2017
- Kansas Public Health Workforce Assessment will be launched on October 16th
- Kansas Accreditation Readiness Project workshop scheduled for September 27th is being rescheduled—topic is branding/communication strategies for your LHD—look for new date

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Local Public Health Program Updates

- Is anyone interested in serving on the Public Health and Medicaid Workgroup?
 - Next meeting is November 3rd from 10:00 to 2:00 in Topeka
 - Opportunity to give feedback, share concerns
- Questions? Contact Cristi Cain at cristi.cain@ks.gov or 785-296-6549.

Debbie Nickels

KS-TRAIN

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KansasTRAIN 3.0 Platform Goes Live

Thursday, September 28

- NEW URL for KansasTRAIN: <https://www.train.org/ks/>
- The old URL will navigate to the new system until June 2018.
- All of your old records will be available in the new system.
- More information available here:
http://kstrain.kdhe.state.ks.us/trainlive/Brochures/2017/Kansas_TRAIN_User_FAQs.pdf
- Short video tutorials can be found at the following link, or on the new KansasTRAIN login page: <https://www.train.org/tutorials/>



<http://ks.train.org>; kdhe.kstrain@ks.gov

KansasTRAIN Course Provider and Administration functionality will be built and available over the next six months.

On September 28, Course Providers and Administrators will login to the new KansasTRAIN and select the Classic TRAIN link at the top of the homepage to navigate back to the administration fields.

KansasTRAIN questions can be directed kdhe.kstrain@ks.gov.

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Due to the upsurge in the hacking of health care organizations we recommend the following cyber security course on KansasTRAIN, <http://ks.train.org> [New URL <https://www.train.org/ks/>]

[General IT Security Awareness Training \(1070513\)](#) provides information on system security requirements and responsibilities required to protect IT systems and data. At the conclusion of this online training learners will be able to:

- Identify potential risks and vulnerabilities associated with information systems.
- Employ suggested guidelines to protect your organization against cyber attacks on information systems.

Upcoming sites for the Kansas Division of Emergency Management G300 and G400 include: Quinter, Salina, Lawrence (G400 includes Olathe and Lenexa)

- KDEM Trng: (G300) Intermediate Incident Command System Course for Expanding Incidents, Course ID# **1067262**
- KDEM Trng (G400) Advanced Incident Command System Course for Command General Staff, Complex Incidents, and MACS, Course ID# **1067267**

Please visit the Kansas Division of Emergency Management (KDEM) training information on the KS-TRAIN Calendar, or the [KDEM Training Calendar](#) for a full list of upcoming learning opportunities.

Kansas Health Care Coalition Meetings

- SCKS Health Care Coalition Meeting # 1069797 (11/15/2017, Wichita)
- SWKS Hospital Emergency Response Team HPP Healthcare Coalition, Course ID #1069819 (10/3/2017, Garden City)
- NEKS Health Care Coalition Meeting, Course ID #1071554 (10/3/2017, Topeka)
- NWKS Healthcare Coalition Meeting, Course ID #1071450 (11/16/2017, Hays)
- Kansas Metro Healthcare Coalition Meeting, Course ID #1070805 (TBA, KCMO)
- SEKS Healthcare Coalition Meeting, Course ID #1711771 (10/31/2017, Chanute)
- NCKS Healthcare Coalition Meeting, Course ID# 172898 (10/27/2017, Salina)

New HIPAA Modules on Kansas TRAIN:

[HIPAA Awareness - Module 1 \(1047429\)](#)

[HIPAA: Allowable Disclosures and Safeguards - Module 2 \(1072478\)](#)

[HIPAA: Right to Access and Documentation - Module 3 \(1072486\)](#)

How to receive communications on upcoming training:

Sign up for the Population Health webinars and the [Public Health Connections](#) E-newsletter by emailing your request to Margaret.Roush@ks.gov.

Each month a TRAIN email goes out to regional coordinators and other identified training partners on up-coming **live** training that is scheduled for the following month. If you would like to receive this monthly email please send your email address to Debbie.Nickels@ks.gov.

Kara Titus

Communications

Office of Communications Updates

- Staff Update:
 - We have a new Communications Director, Jerry Kratchovil.
 - Gerald.Kratchovil@ks.gov
 - (785) 296-5795
- Reminder to follow us on Facebook, Twitter, and Instagram
 - Facebook and Instagram: @KDHEnews
 - Twitter: @KDHE

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Questions



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